

PH0066231

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM**

(Type all entries - complete applicable sections)

STATE: Colorado	
COUNTY: Clear Creek	
FOR NPS USE ONLY	
ENTRY NUMBER 71-10-08-0005	DATE 10/7/71

1. NAME

COMMON:
Lebanon and Everett Mine Tunnels

AND/OR HISTORIC:
same

2. LOCATION

STREET AND NUMBER:
Located approx. one (1) mile s.w. of Georgetown, Colorado,

CITY OR TOWN:
adjacent to Interstate Highway No. 70 right-of-way

STATE Colorado	CODE 08	COUNTY: Clear Creek	CODE 019
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3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input type="checkbox"/> Site <input type="checkbox"/> Building <input checked="" type="checkbox"/> Structure <input type="checkbox"/> Object	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Both	Public Acquisition: <input type="checkbox"/> In Process <input type="checkbox"/> Being Considered	<input type="checkbox"/> Occupied <input checked="" type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress
PRESENT USE (Check One or More as Appropriate)			
<input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial <input type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <input type="checkbox"/> Military <input type="checkbox"/> Museum	<input type="checkbox"/> Park <input type="checkbox"/> Private Residence <input type="checkbox"/> Religious <input type="checkbox"/> Scientific	<input type="checkbox"/> Transportation <input type="checkbox"/> Other (Specify)
			<input checked="" type="checkbox"/> Comments Not available to public

4. OWNER OF PROPERTY

OWNER'S NAME:
State Historical Society of Colorado

STREET AND NUMBER:
200 Fourteenth Avenue

CITY OR TOWN:
Denver

STATE:
Colorado

CODE:
08

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC.:
Colorado State Museum

STREET AND NUMBER:
200 Fourteenth Avenue

CITY OR TOWN:
Denver

STATE:
Colorado

CODE:
08

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY:
State Highway No. 91 Clear Creek County - Federal Aid Project No. I-70

DATE OF SURVEY:
1966

DEPOSITORY FOR SURVEY RECORDS:
Colorado State Museum

STREET AND NUMBER:
200 Fourteenth Avenue

CITY OR TOWN:
Denver

STATE:
Colorado

CODE:
08

SEE INSTRUCTIONS

STATE: Colorado
COUNTY: Clear Creek
ENTRY NUMBER: 71-10-08-0005
DATE: 10/7/71
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7. DESCRIPTION

CONDITION	(Check One)					
	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Deteriorated	<input type="checkbox"/> Ruins	<input type="checkbox"/> Unexposed
	(Check One)			(Check One)		
	<input checked="" type="checkbox"/> Altered	<input type="checkbox"/> Unaltered	<input type="checkbox"/> Moved	<input checked="" type="checkbox"/> Original Site		

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

Technically, neither the Lebanon nor the Everett Mine was actually developed from a central 'tunnel' passage. The attached diagram of mine workings indicates that drifts, shafts and cross-cuts were worked, instead, from what is defined officially as, a central 'adit' -- a horizontal passage with only one surface opening. Neither adit was ever driven through the mountain to the surface on the opposite side, despite the prevailing optimism of the 1870s.

The Lebanon opens into the side of Republican Mountain through a wooden bulkhead, approximately 450 feet east and 25 feet below the Everett portal level. A wood bulkhead has been added at the Everett portal.

Because of the proximity of one mine to the other, the Alhambra and Morning Star lodes, the two principal lodes of this group, are encountered in both mines. The country rock surrounding these veins, through which the mines were worked, has been identified as gneiss.

Initial re-opening of the mines was completed in 1969 preparatory to restoration and development of the mines as elements of the Georgetown Loop Historic Mining Area. As a result of this work, the Lebanon adit is now open to a length of 1,000 feet, while re-opening was halted 500 feet into the Everett adit, at the point of a major cave. Contemporary reports indicate that the Lebanon adit originally extended approximately 1100 to 1200 feet into the mountain. The attached diagram records a length of 1082 feet in 1908. It is more difficult to determine the original length of the Everett adit, due to the infrequent publication of production figures. An 1883 mining directory records a length of 700 feet, while the attached diagram maps the central adit to a length of 1000 feet in 1908.

In both mines, re-opening work has exposed many of the original shafts, cross-cuts and drifts, which had been buried as the natural result of inactivity, coupled with the destructive effects of highway construction above the mines. Ultimately, it is hoped that additional drifts and cross-cuts can be opened fully to their original lengths, linking the two mines together.

Remains of original air-line pipes and ore car tracks have been discovered and preserved as samples for future restoration of the mines. Timbering has been replaced or secured in order to meet strict Bureau of Mines safety standards. Following the completion of re-opening work in 1969, a Colorado Bureau of Mines inspector reported that, "both tunnels are well-timbered and in good shape."

SEE INSTRUCTIONS

SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

- Pre-Columbian | 16th Century | 18th Century | 20th Century
 15th Century | 17th Century | 19th Century

SPECIFIC DATE(S) (If Applicable and Known) ca. 1870 - 1901

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- | | | | |
|-----------------------------------------|---------------------------------------|----------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> Aboriginal | <input type="checkbox"/> Education | <input type="checkbox"/> Political | <input type="checkbox"/> Urban Planning |
| <input type="checkbox"/> Prehistoric | <input type="checkbox"/> Engineering | <input type="checkbox"/> Religion/Philosophy | <input checked="" type="checkbox"/> Other (Specify) |
| <input type="checkbox"/> Historic | <input type="checkbox"/> Industry | <input type="checkbox"/> Science | frontier |
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> Invention | <input type="checkbox"/> Sculpture | mining |
| <input type="checkbox"/> Architecture | <input type="checkbox"/> Landscape | <input type="checkbox"/> Social/Humanitarian | |
| <input type="checkbox"/> Art | <input type="checkbox"/> Architecture | <input type="checkbox"/> Theater | |
| <input type="checkbox"/> Commerce | <input type="checkbox"/> Literature | <input type="checkbox"/> Transportation | |
| <input type="checkbox"/> Communications | <input type="checkbox"/> Military | | |
| <input type="checkbox"/> Conservation | <input type="checkbox"/> Music | | |

STATEMENT OF SIGNIFICANCE

For several years following the 1859 discovery of gold in the Clear Creek region, the surface ores of the Griffith Mining District were worked primarily for gold. The most consistent product of this "gold fever," however, was disappointment. It was not until the middle of the following decade that a more abundant mineral resource was identified by miners who discovered rich silver veins in the mountains rising from Clear Creek. The most active silver-lead mining began in 1872 and continued, according to production statistics, until 1894, the year following the collapse of the silver market. Near-by towns, such as Georgetown and Silver Plume, paralleled the mining industry in growth but suffered, as well, through dependency, during the years of decline. Operations at the Lebanon and Everett Mine Tunnels reflect this regional trend in production and decline.

The Lebanon Tunnel was driven into Republican Mountain by the Lebanon Mining Company, in order to develop mining properties purchased in September, 1870. These lodes, known as the Kentucky Group, were discovered in 1865, one of the earliest silver lode discoveries on Republican Mountain. Work began on the company's new Republican Mountain tunnels in May, 1871, and continued steadily through the decade, with only one significant slow-down, related to the Panic of 1873. By the year 1880, the Lebanon Tunnel had been driven 914 feet into the mountain and excitement was high. Production figures for the year 1880 indicate that the Lebanon was one of the finest properties being worked in the area.

Although production activity at the Everett Tunnel lagged behind the Lebanon time schedule, the same high level of excitement and expectation pervades accounts of development. It is not known when the Everett Tunnel was actually opened into Republican Mountain, although an 1880 publication provides one clue: that, "the Everett Tunnel is something over 200 feet in length." Figures published in 1883 indicate that the Republican Mountain Silver Mines Company had driven the Everett an additional 500 feet into the mountain, and that the tunnel was producing at a steady rate.

SEE INSTRUCTIONS

9. MAJOR BIBLIOGRAPHICAL REFERENCES

ECONOMIC GEOLOGY OF THE GEORGETOWN QUADRANGLE, COLORADO. Josiah E. Spurr and George H. Garrey, with General Geology by Sydney H. Ball. Professional Paper 63. Washington: G.P.O., 1908.
 THE MINES OF CLEAR CREEK COUNTY, COLORADO. Samuel Cushman. Denver: Times Steam Printing House, 1876.
 HISTORY OF CLEAR CREEK AND BOULDER COUNTIES. O.L. Baskin and Co., Historical Publishers. Chicago. 1880.
 Research compiled by Dr. Liston Leyendecker, Colorado State University.
 Georgetown COURIER (w), Georgetown MINER (w).

13/438860/429-1320

10. GEOGRAPHICAL DATA

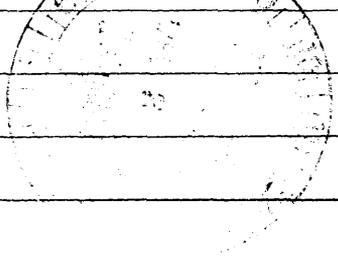
LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY				OR	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES				
CORNER	LATITUDE		LONGITUDE		LATITUDE		LONGITUDE		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
NW	°	'	"	°	'	"	39	41	55
NE	°	'	"	°	'	"	105	42	46
SE	°	'	"	°	'	"			
SW	°	'	"	°	'	"	39	41	53

Lebanon
Everett

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: **approx. 6 acres (combined)**

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY	CODE



SEE INSTRUCTIONS

11. FORM PREPARED BY

NAME AND TITLE:
Susan A. Nieminen, Assistant to the Director

ORGANIZATION: **State Historical Society of Colorado** DATE: **16 August 1971**

STREET AND NUMBER:
200 Fourteenth Avenue

CITY OR TOWN: **Denver** STATE: **Colorado** CODE: **08**

12. STATE LIAISON OFFICER CERTIFICATION NATIONAL REGISTER VERIFICATION

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

National State Local

Name: *Stephen H. Hart*
Stephen H. Hart

Title: Colorado State Liaison Officer

Date: 8-25-71

I hereby certify that this property is included in the National Register.

Ernest A. Connally
 Chief, Office of Archeology and Historic Preservation

OCT 7 1971

Date: _____

ATTEST:

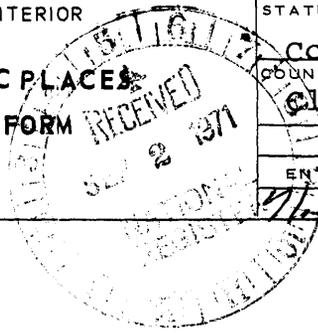
William H. Hunt
 Keeper of The National Register

Date: **SEP 29 1971**

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM

(Continuation Sheet)

STATE	Colorado
COUNTY	Clear Creek
FOR NPS USE ONLY	
ENTRY NUMBER	DATE
97-10.08.0005	10/1/71



(Number all entries)

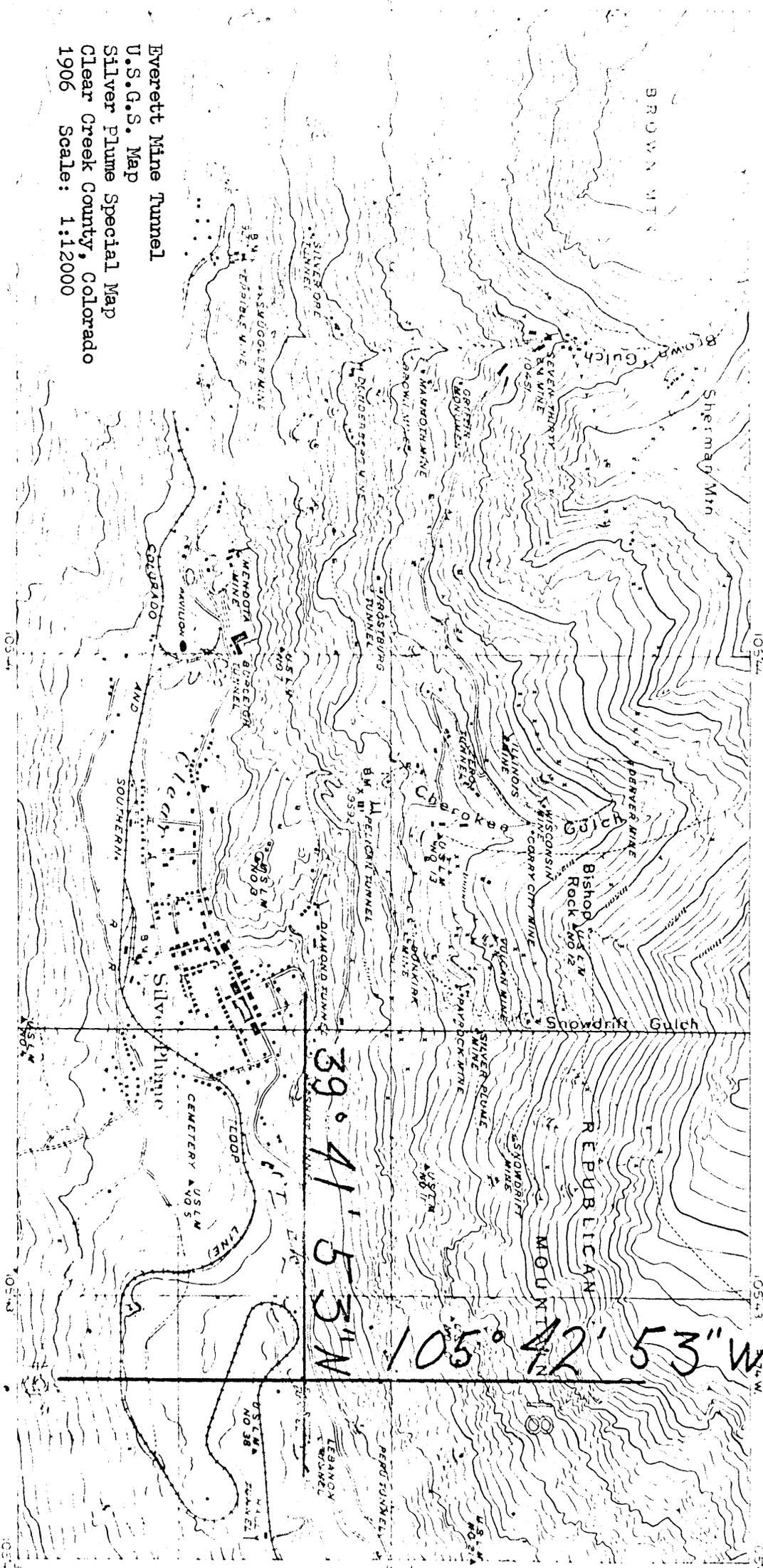
8. SIGNIFICANCE

Good strikes were made on Republican Mountain, at least until the mid-1880s, when production figures for the Lebanon Tunnel record a let-down in the production of silver ore. Mining directories published in 1898 list both tunnels under the supervision of a Silver Plume agent, although the lack of new production figures indicates that possibly the mines were not being actively worked at that time. Mining directories published in 1901 list both the Everett and Lebanon Mine Tunnels as "idle" properties.

The Lebanon and Everett Tunnels are currently being restored as components of the Georgetown Loop Historic Mining Area, an interpretive complex devoted to frontier mining technology, under the administration of the State Historical Society of Colorado. The representative significance of these two mine tunnels is of primary importance. The Lebanon and Everett Mine Tunnels developed, produced and declined in time with the sequence of events recorded as the history of silver mining in the once-renowned Griffith Mining District. Today, they serve to typify the excitement, wealth and disappointment of the Colorado mining frontier.

Part of the Georgetown Loop Historic Mining Area are now open. This will be ready by summer '76, but the mine tunnels will be open due to safety hazards. open area 5/13/75

Everett Mine Tunnel
 U.S.G.S. Map
 Silver Plume Special Map
 Clear Creek County, Colorado
 1906 Scale: 1:12000



COLORADO
 (CLEAR CREEK COUNTY)
 SILVER PLUME SPECIAL MAP
 10543
 1054225



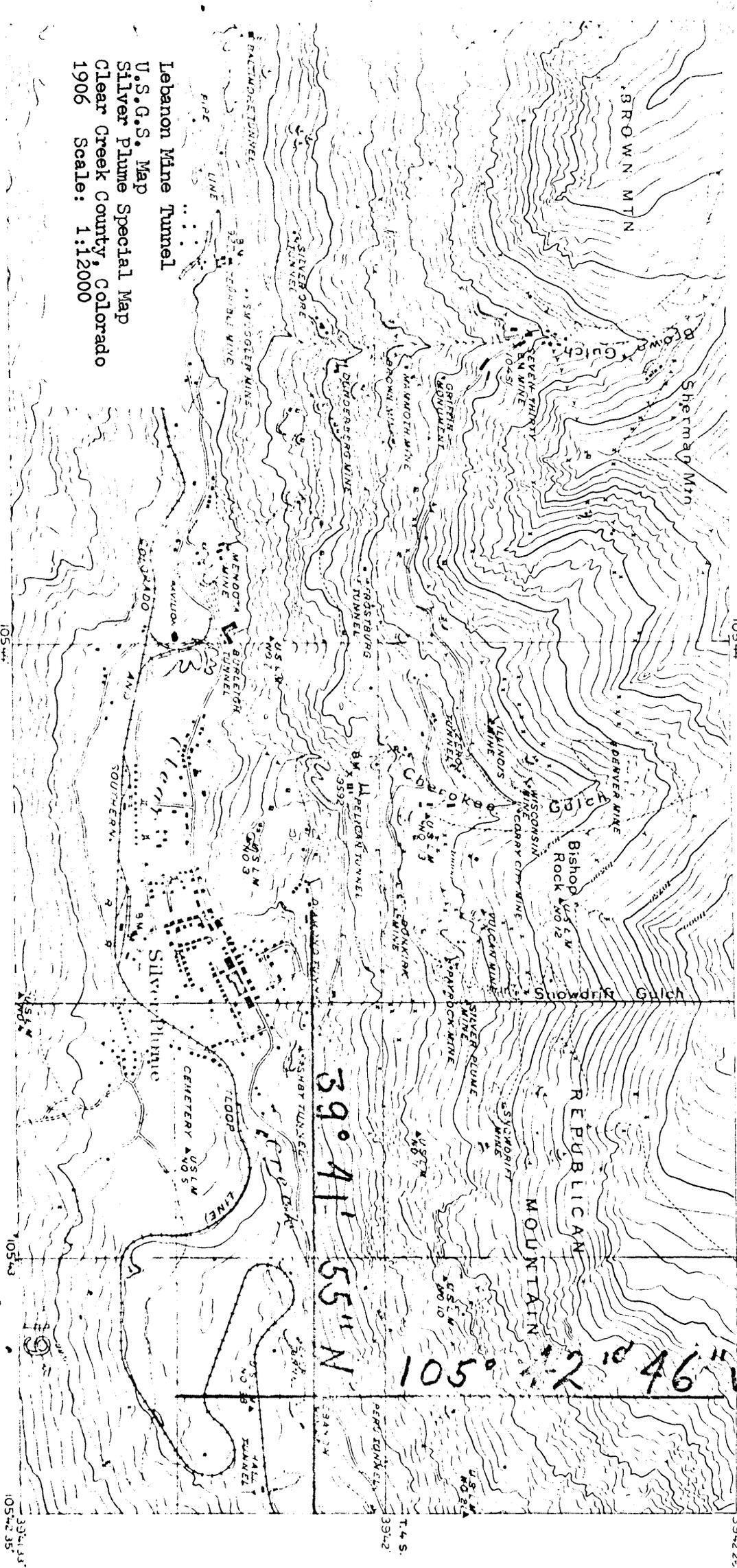
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 Derived from aerial photos

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11/94

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COLORADO
CLEAR CREEK COUNTY
SILVER PLUME SPECIAL MAP
105° 43' 10" W 105° 43' 10" W
R. 74 W. T. 4 S.

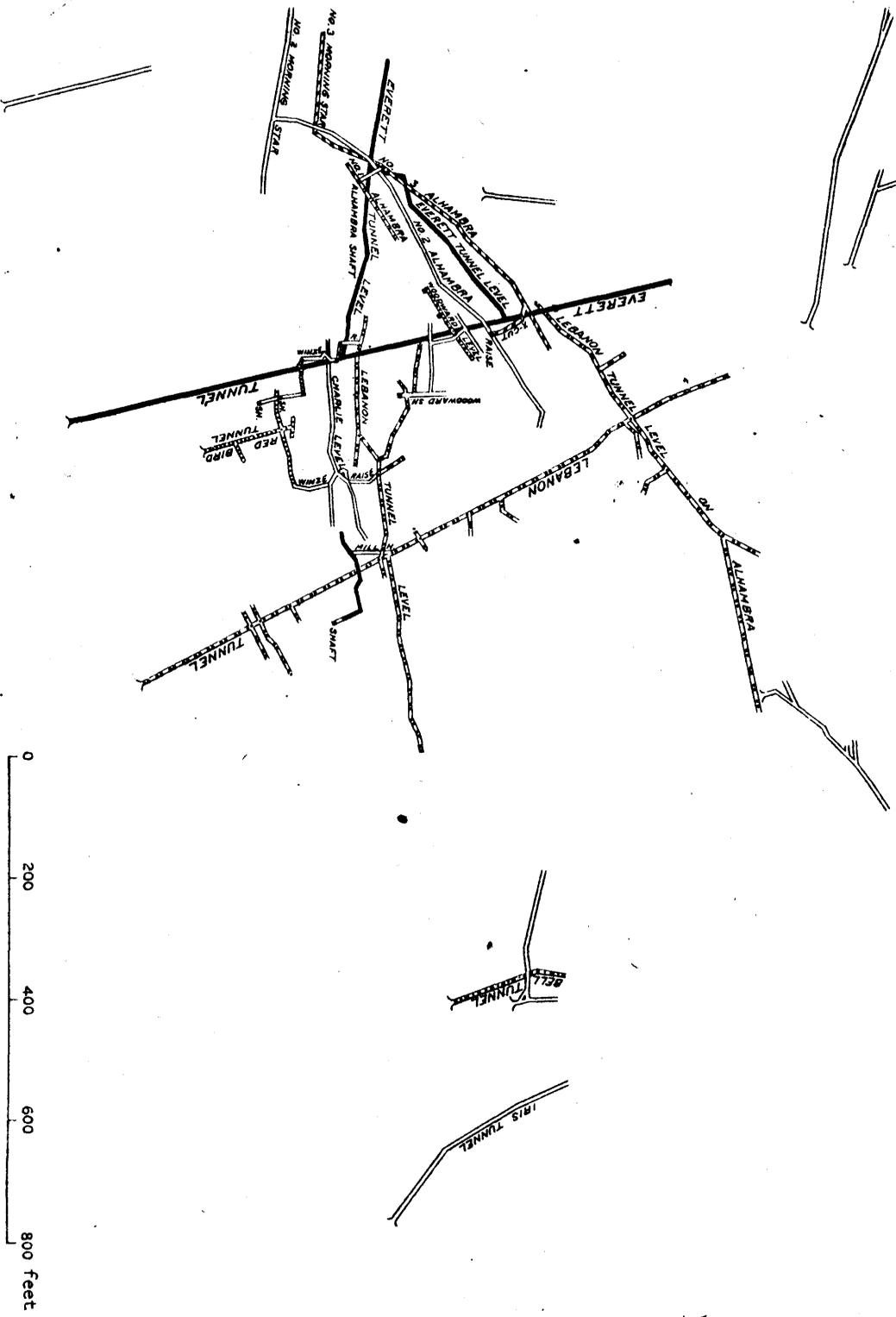


Lebanon Mine Tunnel
U.S.G.S. Map
Silver Plume Special Map
Clear Creek County, Colorado
1906 Scale: 1:12000

Scale: 1:12000
Scale in feet: 0 200 400 600 800 1000
Scale in miles: 0 1/2 1
MAGNETIC NORTH
TRUE NORTH
APPROXIMATE MEAN DECLINATION 1906
SILVER PLUME COLO.
Edition of 1906
Reprinted 1948
N39416 W054269122
Polygenic projection
39° 41' 55" N
39° 42' 35" N
105° 43' 10" W
105° 43' 10" W

GOOD HOPE
TUNNEL

LEBANON-EVERETT GROUP



Copied from: ECONOMIC GEOLOGY OF THE
GEORGETOWN QUADRANGLE,
COLORADO. J.E. Spurr and
G.H. Garrey. 1908.

FOR REFERENCE ONLY

THE NORMAN METERS CO. WASHINGTON, D.C.